

## ABSTRACT

Novel lawn mowers and tree shredders or “chippers” designed to prevent the spread of agricultural pathogens, such as citrus canker, for example, are described and claimed herein. Exemplary embodiments of the mower comprise a storage tank containing chemical agent useful in eradicating agricultural pathogen, the tank connected to a series of nozzles arranged on the mower such that the mowing blades, lower frame of the mower, and housing guard, for example, are sprayed with the chemical agent. Embodiments of the “chipper” include one or more nozzles arranged within the hopper and/or the exit chute through which chemical agent may be sprayed onto foliage entering into the chipper and processed foliage exiting the chipper, respectively.